

**DECLARATION AND POWER OF ATTORNEY**  
**FOR PATENT APPLICATION**

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD OF USING (H+/K+)ATPase INHIBITORS AS ANTIVIRAL AGENTS**

The specification of which, with any Preliminary Amendment, (check one)

[] is attached hereto

[] was filed on 29 April 1994 as Application Serial No. 08/235,619 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a)

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

Priority Claimed

(Number)	(Country)	(Day/month/year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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(Number)	(Country)	(Day/month/year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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(Number)	(Country)	(Day/month/year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code,

§112, I acknowledge / to disclose material information as defined in Title 37, of Federal Regulations, § 1.10(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.) (Filing date) (Status)

(Application Serial No.) (Filing date) (Status)

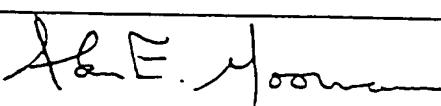
POWER OF ATTORNEY: As a named inventor, I hereby appoint as attorneys/agents: DENNIS A. BENNETT, Registration No. 34,547; JOSEPH W. BULOCK, Registration No. 37,103; SCOTT B. FEDER, Registration No. 33,129; ROBERTA L. HASTREITER, Registration No. 32,990; J. TIMOTHY KEANE, Registration No. 27,808; CYNTHIA S. KOVACEVIC, Registration No. 35,578; SCOTT J. MEYER, Registration No. 25,275; JOY ANN SERAUSKAS, Registration No. 27952; FRANK S. UNGEMACH, Registration No. 34,449; ROGER A. WILLIAMS, Registration No. 27679; to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct all telephone calls to Joseph W. Bulock at 314-694-9094 and address all correspondence to:

G. D. Searle & Co.  
Corporate Patent Law Department  
P.O. Box 5110  
Chicago, Illinois 60680-9889

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1)

FULL NAME OF INVENTOR	LAST NAME Moorman	FIRST NAME Alan	MIDDLE NAME E	
RESIDENCE & CITIZENSHIP	CITY Skokie	STATE OR FOREIGN COUNTRY Illinois	COUNTRY OF CITIZEN. USA	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 9450 Latrobe	CITY Skokie	STATE OR COUNTRY Illinois	ZIPCODE 60077
SIGNATURE OF INVENTOR 1			DATE 5-20-94	

2)

FULL NAME OF INVENTOR	LAST NAME Becker	FIRST NAME Daniel	MIDDLE NAME P
RESIDENCE & CITIZENSHIP	CITY Glenview	STATE OR FOREIGN COUNTRY Illinois	COUNTRY OF CITIZEN. 60077
POST OFFICE ADDRESS	POST OFFICE ADDRESS 1800 Maplewood Lane	CITY Glenview	STATE OR COUNTRY Illinois
SIGNATURE OF INVENTOR 2	<i>Daniel P. Becker</i>		
		DATE	5/20/94

3)

FULL NAME OF INVENTOR	LAST NAME Flynn	FIRST NAME Daniel	MIDDLE NAME L
RESIDENCE & CITIZENSHIP	CITY Mundelein	STATE OR FOREIGN COUNTRY Illinois	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 17 North Bristol Court Mundelein	CITY Mundelein	STATE OR COUNTRY Illinois
SIGNATURE OF INVENTOR 3	<i>Deirdre Flynn</i>		
		DATE	5/20/94

Case No. 2805

ASSIGNMENT (JOINT)

For Ten Dollars and other valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we,

Alan E. Moorman: 9450 Latrobe, Skokie, Illinois 60077;

Daniel P. Becker: 1800 Maplewood Lane, Glenview, Illinois 60025;

Daniel L. Flynn: 17 North Bristol Court, Mundelein, Illinois 60060;

hereby sell, assign, transfer and convey unto G.D. SEARLE & CO., a Delaware corporation, whose address is Post Office Box 5110, Chicago, Illinois, 60680, its successors and assigns, the entire right, title and interest in and to our invention in **METHOD OF USING (H<sup>+</sup>/K<sup>+</sup>)ATPase INHIBITORS AS ANTVIRAL AGENTS** described in an application for United States Letters Patent therefor, executed on even date herewith, and in and to all Letters Patent of the United States and foreign countries, including any divisions, continuations, reissues and extensions thereof that may be obtained therefor; and we agree that we will, without additional compensation, but without cost to us, promptly communicate to said G.D. SEARLE & CO., or its representatives any facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, and execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid our said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper patent protection for said invention or inventions and improvements in the United States and all countries foreign thereto; and we hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent that may be granted for said invention to said G.D. SEARLE & CO., its successors and assigns.

Signed and sealed this 20th day of May, 1994.

Alan E. Moorman (SEAL)  
Alan E. Moorman

Daniel P. Becker (SEAL)  
Daniel P. Becker

Daniel L. Flynn (SEAL)  
Daniel L. Flynn, PATENT & TRADEMARK OFFICE  
State of Illinois ) JUN 13 94  
County of Cook ) SS  
                        )

"OFFICIAL SEAL"  
Lot Soliman Paramo  
Notary Public, State of Illinois  
My Commission Expires 10/1/96

On the day and year aforesaid, appeared Alan E. Moorman, Daniel P. Becker and Daniel L. Flynn, personally known to me, and by me personally known to be persons who executed the above instrument, who, being duly sworn, acknowledged that they executed the above instrument as their free and voluntary act.

Lot Soliman Paramo  
Notary Public



JNB  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

DATE: 07/15/94  
TO:

N08B

G.D. SEARLE & CO.  
JOSEPH E. BULOCK  
5200 OLD ORCHARD ROAD  
SKOKIE, ILLINOIS 60077

LEGAL DEPARTMENT

AUG 19 1994

FILE \_\_\_\_\_

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
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NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION  
CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE  
PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR  
QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE  
NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR  
CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH,  
NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:  
MOORMAN, ALAN E.

DOC DATE: 05/20/94

ASSIGNOR:  
BECKER, DANIEL P.

DOC DATE: 05/20/94

ASSIGNOR:  
FLYNN, DANIEL L.

DOC DATE: 05/20/94

RECORDATION DATE: 06/13/94 NUMBER OF PAGES 002 REEL/FRAME 7022/0739

DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:  
G.D. SEARLE & CO.  
5200 OLD ORCHARD ROAD  
SKOKIE, ILLINOIS 60077

SERIAL NUMBER 8-235619 FILING DATE 04/29/94  
PATENT NUMBER ISSUE DATE 00/00/00

*Jacqueline E. Moore*  
EXAMINER/PARALEGAL  
ASSIGNMENT BRANCH  
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

Case 2805



U.S. PATENT AND TRADEMARK OFFICE  
Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

APPENDIX B  
RECORDATION FORM COVER SHEET  
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

- ① Name of conveying party(ies):  
Alan E. Moorman - 20 May 1994  
Daniel P. Becker - 20 May 1994  
Daniel L. Flynn - 20 May 1994

- ② Name and address of receiving party(ies):

Name: G.D. Searle & Co.  
Internal Address: Corporate Patent Department  
P.O. Box 5110  
Chicago, IL 60680  
Street Address: 5200 Old Orchard Road  
Skokie, IL 60077

Additional name(s) of conveying party(ies) attached?

[ ] Yes [X] No

③ Nature of Conveyance:

- [X] Assignment 19 [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other \_\_\_\_\_

Execution Date: see above

FEE VALUE ACCOUNTABILITY	
DEPOSIT ACCOUNT NO.	
19	1025
FEES CODE	VALUE FURNISHED
581	40.00

Additional name(s) & address(es) attached?

[ ] Yes [x] No

RECEIVED  
JUN 27 1994  
MILL: 15  
SIGNATURE BRANCH

④ Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 08/235,619

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

⑤ Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and patents involved: [ ]

Name: G.D. Searle & Co.

Total fee (37CFR 3.41): \$40.00

Internal Address: Corporate Patent Department

[ ] Enclosed

P.O. Box 5110

[X] Authorized to be charged to deposit account

Chicago, IL 60680

Street Address: 5200 Old Orchard Road

⑦ Deposit account number:

Skokie, IL 60077

19-1025

(Attach duplicate copy of this page if paying by deposit account)

⑨ Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

JOSEPH W. BULLOCK  
Name of Person Signing

Joseph W. Bullock  
Signature

June 9, 1994  
Date

Total number of pages including cover sheet: [ ]

KC

91811519

REF 7022 FRAME 739